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(57) Abstract :

The present disclosure provides a fan assembly. The disclosed fan assembly can include: a first support member coupled with a support; a second support member coupled to the first support member, the second support member is configured to suspend a fan, and a spring-pin mechanism configured to enable coupling between the first support member and the second support member, wherein a pin of the spring-pin mechanism is configured to move between an extended position and a retracted position, wherein when the pin is at the extended position the pin maintains coupling between the first support member and the second support member up to a pre-defined load supported by the second support member, and wherein when the load supported by the second support member is more than the pre-defined load the spring of the spring-pin mechanism enables moving the pin from the extended position to the retracted position thereby decoupling the first support member with the second support member.



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